

SafeAir[®]

smoke evacuation pencil

You protect others.
We protect you.

Like you, we recognize the dangers of surgical smoke in the OR. That's why our SafeAir smoke evacuation pencil is designed to reduce smoke exposure—directly at the cautery site.

And it's comfortable to use. You'll find the pencil fits easily in your hand and offers a full range of motion.

Pre-stretched tubing

Fully integrated suction/powercord is light and pre-stretched, for ease of motion and tangle-free cord management

Optimized grip

Ribbing and knurling for optimized comfort

Cut and coag switch

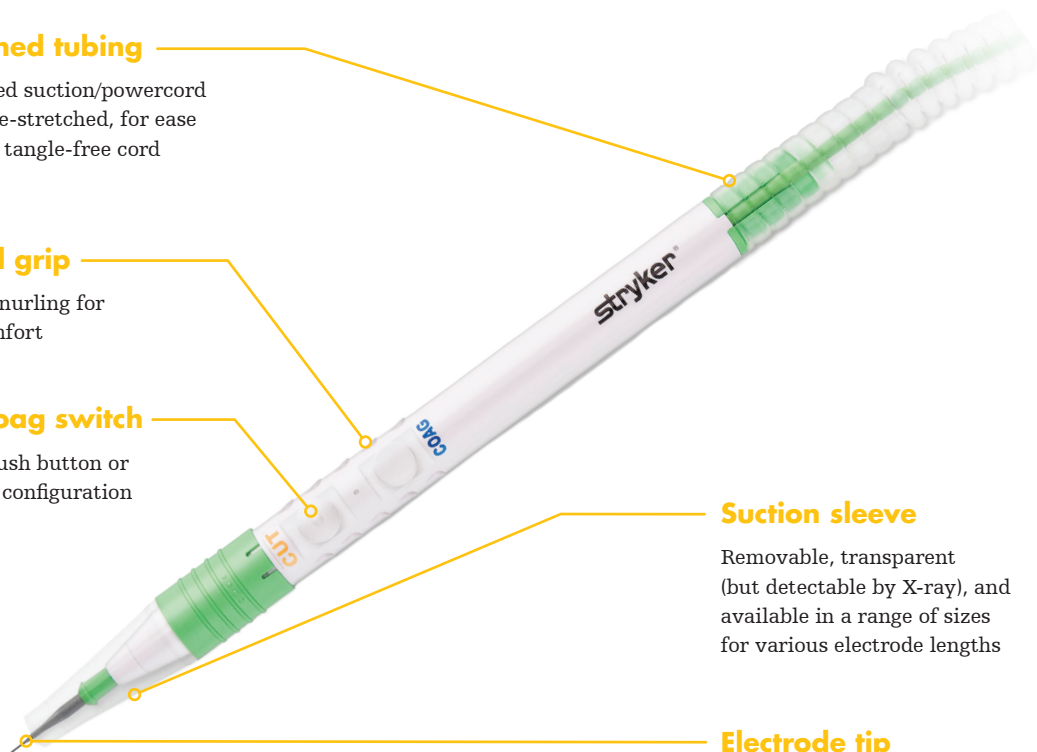
Available in push button or rocker switch configuration

Suction sleeve

Removable, transparent (but detectable by X-ray), and available in a range of sizes for various electrode lengths

Electrode tip

Compatible with a range of electrode sizes





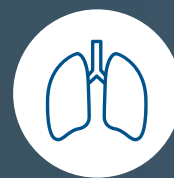
150 chemicals

are found in surgical smoke,¹ including 16 EPA priority pollutants²



27 cigarettes

is the average equivalent of one day of OR smoke exposure when electrocautery is used³



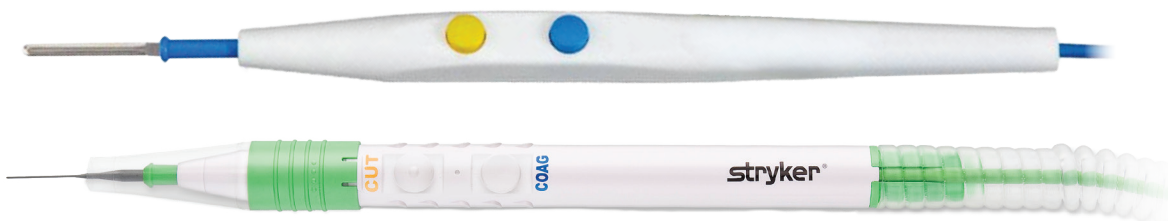
2x as many respiratory issues

are reported among perioperative nurses as compared to the general population⁴

Our size may be similar, but that's where it ends

We address the safety concerns you think about when in the OR because we know what you face. We're your partner in helping to reduce smoke.

	Mass (g)	H (in)	W (in)	L (in)
Standard* cautery pencil⁵	14.5	0.49	0.49	7.50
SafeAir pencil⁵	13.6	0.50	0.50	7.50



*Pictured is a standard electrosurgical pencil.

¹Pierce et al. Laser-Generated Air Contaminants from Medical Laser Applications: A State-of-the-Science Review of Exposure Characterization, Health Effects, and Control. J Occup Environ Hyg. 2011, 8(7): 447-466.

²Andreasson, Sara et al. Polycyclic Aromatic Hydrocarbons in Electrocautery Smoke during Peritonectomy Procedures. J. of Environmental and Public Health. 2012;1-6

³Hill et al. Surgical Smoke - a health hazard in the operating theatre. A study to quantify exposure and a survey of the use of smoke extractor systems in UK plastic surgery units. J of Plastic Reconstructive & Aesthetic Surg. 2012; 65(7):911-6.

⁴Ball K. Surgical smoke evacuation guidelines: compliance among perioperative nurses. AORN J. 2010 Aug;92(2):e1-23. doi: 10.1016/j.aorn.2009.10.026.

⁵Stryker data on file, D0000004719.

Surgical Technologies

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